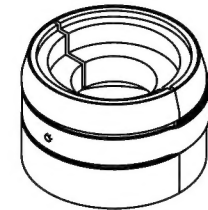
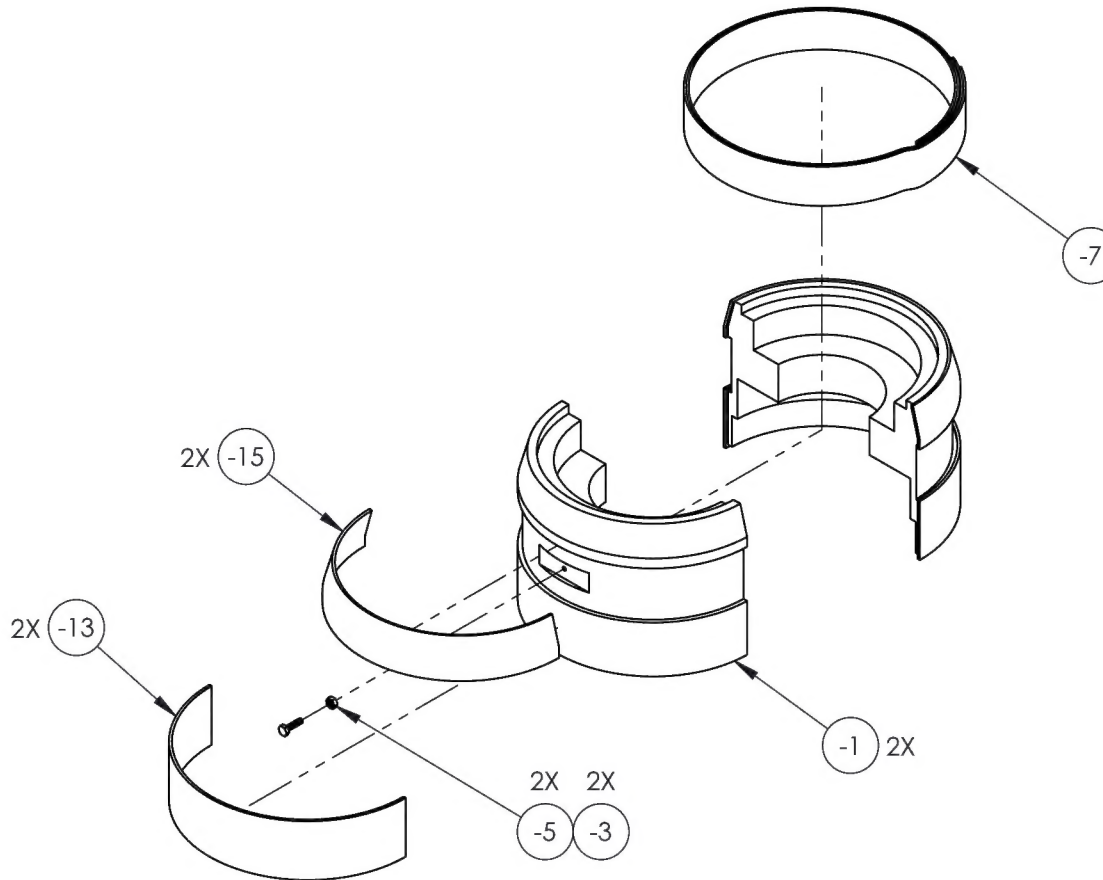


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION	6/27/2016	SM	JAG
2	16-0209	-1 CH'D DIM'S WAS .017 ±.010 IS (.063). WAS 2.81 IS 2.76, WAS 2.61 IS 2.56, WAS M3X0.5 -6H ∇ .24 IS M3X0.5 -6H ∇ .24. -9 CH'D DIM WAS 1.00 IS (1.00).	11/2/2016	RJC	JAG



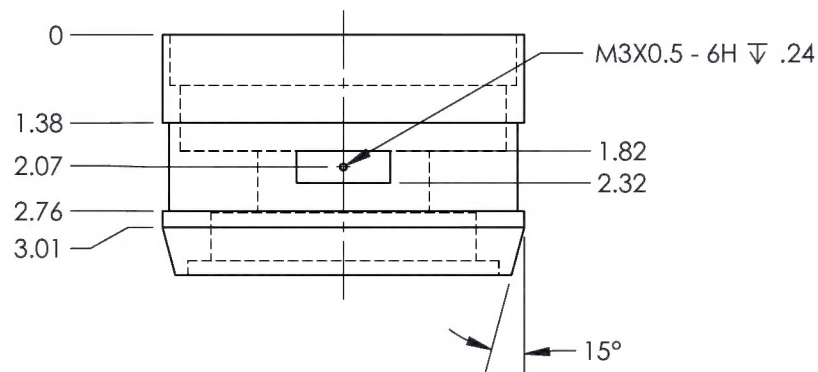
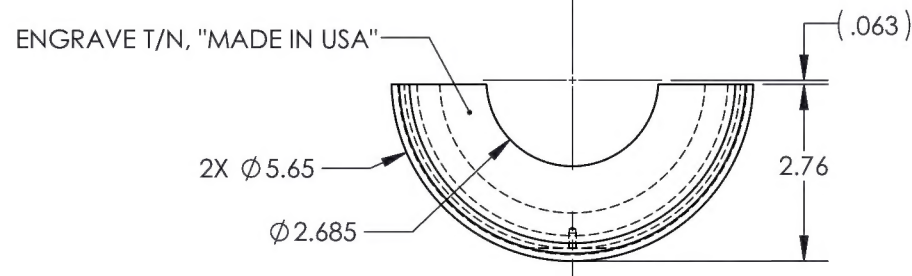
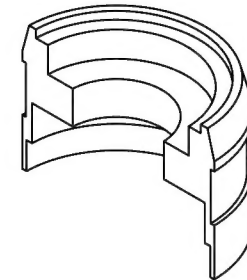
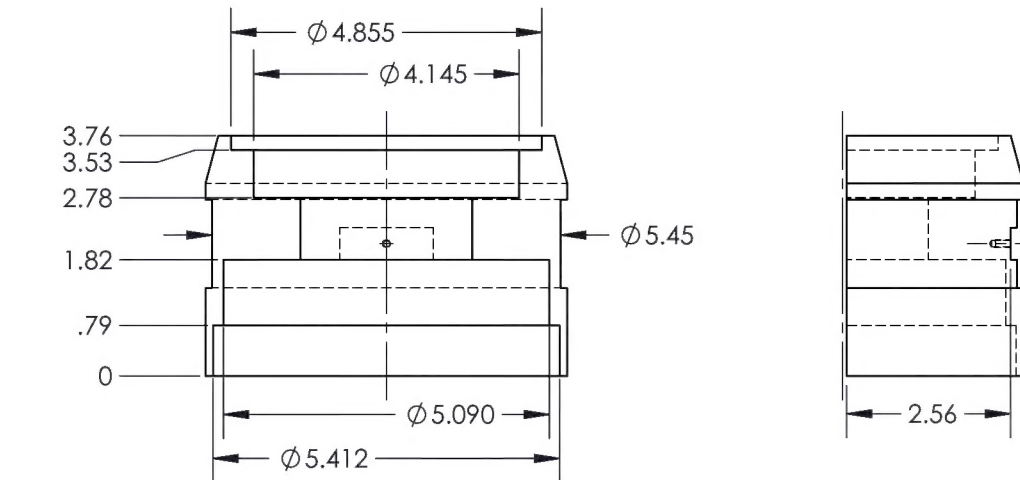
- NOTES:
 1. REF. AIRBUS T/N: M651V3000121.
 2. USED IN KIT RBEM651V3000102.

DART AEROSPACE	
TITLE FRONT SHAFT PROTECTOR	
DWG NO. RBEM651V3000121	REV 2
MAT'L HEAT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL H175
APPROVED: GILBERT	
SCALE 1:4	DATE 4/21/2016
SHEET 1 OF 7	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	2	COLLAR	DELRI/ACETRON GP	WHITE	2
		B/O	-3	2	HEX HEAD CAP SCREW	NYLON	M3 x 0.5 x 12mm (ESSENTA COMPONENTS # 5XHM3L12A)	1
		B/O	-5	2	HEX NUT	NYLON	M3 x 0.5 (MCMASTER-CARR # 93800A400)	1
	X		-7	1	VELCRO STRAP			3
	1	B/O	-9		VELCRO, LOOP	VELCRO	1" LOOP VELCRO, BLACK (MCMASTER-CARR # 9489K501) MOD.	4
	1	B/O	-11		VELCRO, HOOK	VELCRO	1" HOOK VELCRO, BLACK (MCMASTER-CARR # 9489K306) MOD.	5
		B/O	-13	2	BOTTOM FELT	FELT	1.5 X 1/16 ADHESIVE FELT STRIP (MCMASTER-CARR # 5051K481) MOD.	6
		B/O	-15	2	TOP FELT	FELT	1 X 1/16 ADHESIVE FELT STRIP (MCMASTER-CARR # 5051K431) MOD.	7
	ASSY -7							

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0209	-1 CH'D DIM'S WAS .017 ±.010 IS (.063), WAS 2.81 IS 2.76, WAS 2.61 IS 2.56, WAS M3X0.5 -6H ↯ .24 IS M3X0.5 -6H ↯ .24.	11/2/2016	RJC	JAG

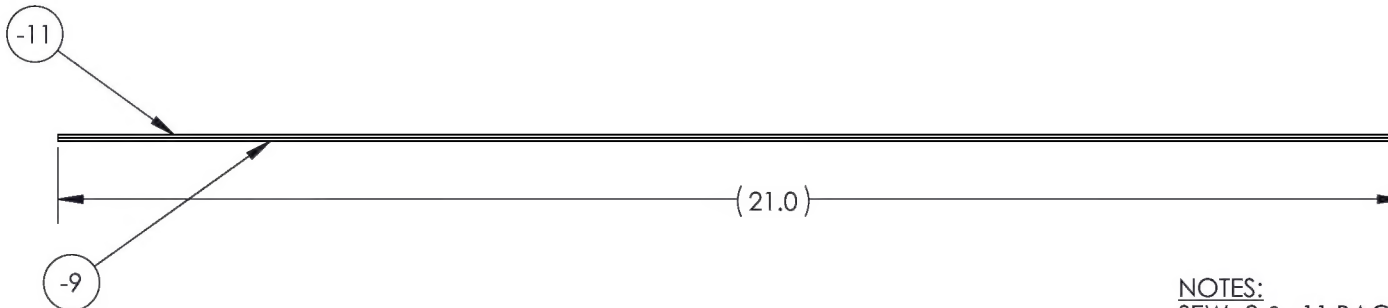
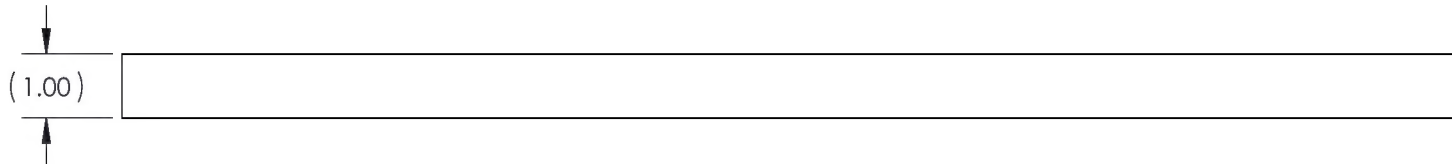
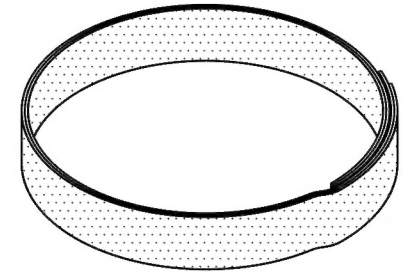


(-1)
COLLAR

DART AEROSPACE	
TITLE FRONT SHAFT PROTECTOR	
DWG NO. RBEM651V3000121-1	REV 2
MAT'L DELRIN/ACETRON GP UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/✓	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	MACKOVJAK
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL H175	
SCALE 1:3	DATE 4/21/2016
SHEET 2 OF 7	

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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED



NOTES:
SEW -9 & -11 BACK TO BACK.



TITLE		FRONT SHAFT PROTECTOR	
DWG NO.		RBEM651V3000121-7	REV 2
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓		
FEAT			
TREAT			
FINISH			
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		
DRAWN BY:	MACKOVJAK		
CHECKED:	DUERFELDT		
OPPS APPR:	ANDERSON		
QA APPR:	LINDSAY		
APPROVED:	GILBERT		
SCALE		1:3	DATE 4/21/2016
			SHEET 3 OF 7

(-7)

VELCRO STRAP

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0209	-9 CH'D DIM WAS 1.00 IS (1.00).	11/2/2016	RJC	JAG

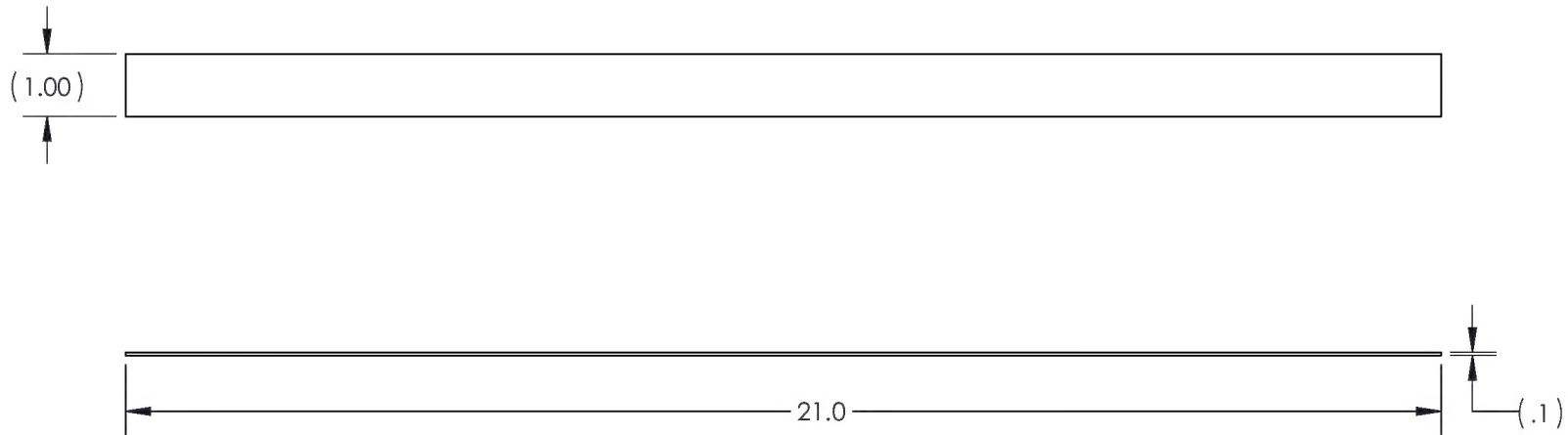


(-9)
VELCRO, LOOP

DART AEROSPACE	
TITLE FRONT SHAFT PROTECTOR	
DWG NO. RBEM651V3000121-9	REV 2
MAT'L VELCRO	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:3	DATE 4/21/2016
	SHEET 4 OF 7

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

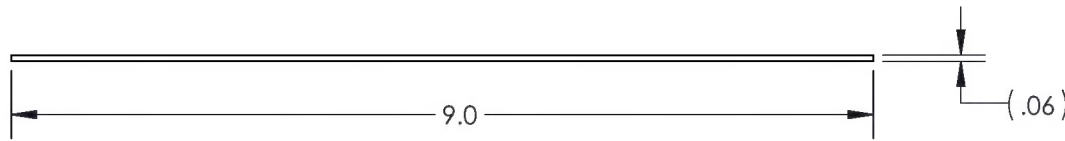
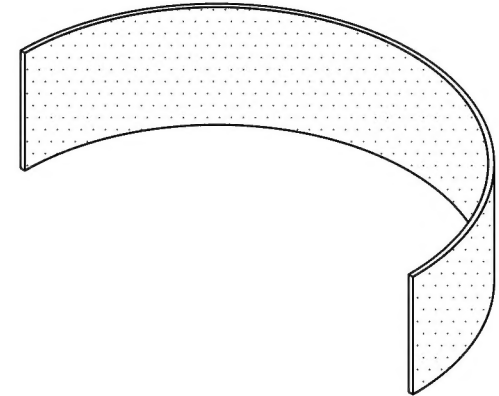
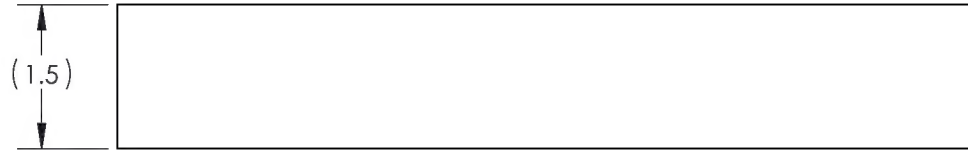


(-11)
VELCRO, HOOK

DART AEROSPACE	
TITLE FRONT SHAFT PROTECTOR	
DWG NO. RBEM651V3000121-11	REV 2
MAT'L VELCRO	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:3	DATE 4/21/2016
	SHEET 5 OF 7

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



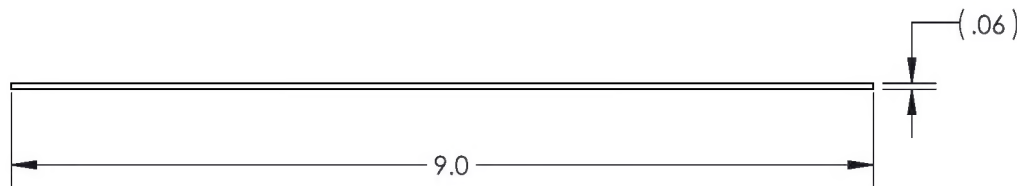
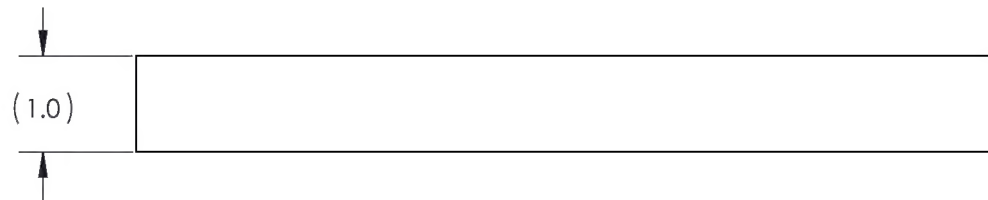
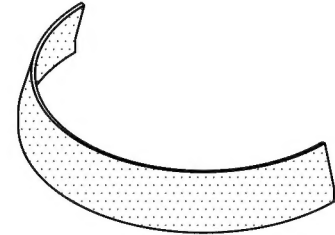
(-13)

BOTTOM FELT

DART AEROSPACE	
TITLE FRONT SHAFT PROTECTOR	
DWG NO. RBEM651V3000121-13	REV 2
MAT'L FELT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:2	DATE 4/21/2016
	SHEET 6 OF 7

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



(-15)
TOP FELT

DART AEROSPACE	
TITLE FRONT SHAFT PROTECTOR	
DWG NO. RBEM651V3000121-15	REV. 2
MAT'L FELT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: MACKOVJAK	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:2	DATE 4/21/2016
	SHEET 7 OF 7